

CLAIMS

1. A radio communication system whereby, in a radio communication system that has a plurality of systems including a CDMA-FDD system and a CDMA-TDD system, one or other of said CDMA-FDD system and said CDMA-TDD system includes a channel with a high transmission rate, and a mobile station selects a system to which connection is desired from said plurality of systems including a CDMA-FDD system and a CDMA-TDD system, and performs communication with the selected system.

2. The radio communication system according to claim 1, wherein said CDMA-FDD system and CDMA-TDD system are controlled by a common control station and are connected to a telephone network via an exchange.

3. The radio communication system according to claim 1, wherein at least one system of said CDMA-FDD system and CDMA-TDD system is connected to an IP packet network via a router.

4. The radio communication system according to claim 1, wherein it is possible to perform communication with said CDMA-FDD system and CDMA-TDD system simultaneously on different channels.

5. The radio communication system according to claim 1,

wherein said mobile station selects a system taking into account at least one item chosen from a group consisting of service, communication environment, and speed of movement of the station itself, in said CDMA-FDD system and CDMA-TDD system.

6. A communication terminal apparatus comprising:

monitoring means for monitoring downlink signals from each system in a radio communication system that has a plurality of systems including a CDMA-FDD system and a CDMA-TDD system;

selecting means for selecting a system to be connected to based on information monitored by said monitoring means and a connection request from the station itself; and

communication connecting means for performing communication connection to a base station of a system selected by said selecting means.

7. The communication terminal apparatus according to claim 6, wherein said selecting means selects a system taking into account at least one item chosen from a group consisting of service, communication environment, and speed of movement of the station itself, in said CDMA-FDD system and CDMA-TDD system.

8. A base station apparatus comprising:

determining means for determining, based on

connection request information from a communication terminal apparatus and communication condition information measured by the station itself, whether or not connection to said communication terminal apparatus

5 is possible; and

communication connecting means for, when a result of determination by said determining means is that connection is possible, performing communication connection to said communication terminal apparatus, and,
10 when a result of determination by said determining means is that connection is not possible, notifying said communication terminal apparatus that connection is not possible;

wherein said communication terminal apparatus
15 comprises:

monitoring means for monitoring downlink signals from each system in a radio communication system that has a plurality of systems including a CDMA-FDD system and a CDMA-TDD system;

20 selecting means for selecting a system to be connected to based on information monitored by said monitoring means and a connection request from the station itself; and

communication connecting means for performing
25 communication connection to a base station of a system selected by said selecting means.